

AMENDED CLAIM SET

The claims have been amended as set forth in the following listing of the claims:

1. (currently amended) A lighting apparatus, comprising:
a reflecting surface for reflecting light, formed on a circuit board;
an LED light source for emitting illumination light with a light-emitting diode, mounted on a part of said reflecting surface; and
a reflector, having a substantially rectangular shape, for reflecting ahead the light emitted from said LED light source, the reflector being formed independently from the reflecting surface and provided above the reflecting surface so as to surround said LED light source, and said reflector having an opened rear thereof closed by said reflecting surface when mounted on said circuit board.
2. (original) The lighting apparatus according to claim 1, wherein said reflecting surface is formed by gold-plating.
3. (original) The lighting apparatus according to claim 1, wherein said LED light source is a surface-mounted white light-emitting chip LED and is surface-mounted on said reflecting surface.

4. (original) The lighting apparatus according to claim 1, wherein said LED light source is comprised of three types of LED light sources for emitting red light, green light and blue light, and the LED light source for emitting the light in each color is radially placed.

5. (previously presented) The lighting apparatus according to claim 1, further comprising:

an optical component placed on said reflector for expanding and flooding ahead the light emitted from said LED light source.

6. (currently amended) A lighting apparatus, comprising:
a circuit board;
an LED light source mounted on said circuit board for emitting illumination light with a light-emitting diode; and

a reflector, having a substantially rectangular shape, for reflecting ahead the light emitted from said LED light source, said reflector being mounted directly on said circuit board, and having an internal reflecting surface that surrounds the rear side and side surface side of said LED light source;

~~wherein said LED light source is placed clear of the internal reflecting surface of said reflector, such that said reflector reflects light emitted from said LED light source in a side direction and in a rear direction of said LED light source in directions away from the circuit board.~~

7. (original) The lighting apparatus according to claim 6, wherein said LED light source is comprised of three types of LED light sources for emitting red light, green light and blue light, and the LED light source for emitting the light in each color is radially placed.

8. (previously presented) An electronic flash apparatus of a camera, comprising:

the lighting apparatus of claim 6.

9. (previously presented) A camera, comprising:

the lighting apparatus of claim 6.

10. (original) The lighting apparatus according to claim 6, wherein said LED light source has a lead terminal, and said lead terminal is put through a hole provided on said reflector and is joined with a predetermined pad of a circuit board so as to mount said LED light source on said circuit board.

11. (previously presented) An electronic flash apparatus of a camera, comprising:

the lighting apparatus of claim 1.

12. (previously presented) A camera, comprising:

the lighting apparatus of claim 1.

13. (withdrawn) An electronic flash apparatus comprising:

a light-emitting portion having an LED light source for emitting illumination light with a light-emitting diode, and a reflector for reflecting ahead the light emitted from the LED light source; and

a lens for expanding and flooding ahead the light emitted from the light-emitting portion, placed in front of said light-emitting portion.

14. (withdrawn) The electronic flash apparatus according to claim 13, wherein an optical element for diffusing the light emitted from said LED light source is placed between said LED light source and said lens.

15. (withdrawn) The electronic flash apparatus according to claim 14, wherein said optical component diffuses the light emitted from said LED light source and also converts it into predetermined color temperature.

16. (withdrawn) The electronic flash apparatus according to claim 13, further comprising a movement device which relatively moves said light-emitting portion and said lens in an optical axis direction, and changes an irradiation angle of the light emitted from said lens

by relatively moving said light-emitting portion and said lens in the optical axis direction with the movement device.

17. (withdrawn) The electronic flash apparatus according to claim 14, further comprising a movement device which relatively moves said light-emitting portion and said lens in an optical axis direction, and changes an irradiation angle of the light emitted from said lens by relatively moving said light-emitting portion and said lens in the optical axis direction with the movement device.

18. (withdrawn) The electronic flash apparatus according to claim 15, further comprising a movement device which relatively moves said light-emitting portion and said lens in an optical axis direction, and changes an irradiation angle of the light emitted from said lens by relatively moving said light-emitting portion and said lens in the optical axis direction with the movement device.

19. (withdrawn) The lighting apparatus according to claim 13, wherein said LED light source is comprised of three types of LED light sources for emitting red light, green light and blue light, and the LED light source for emitting the light in each color is radially placed.

20. (withdrawn) A camera comprising:

a camera body; and

the electronic flash apparatus of claim 13 arranged in the camera body.

21. (currently amended) The lighting apparatus according to claim 1, wherein said circuit board defines a mounting hole, and said reflector is provided with a claw extending directly from an external surface of the reflector, the claw being adapted to engage ~~that engages~~ with a periphery of the mounting hole.

22. (previously presented) The lighting apparatus according to claim 1, wherein said reflector protrudes from said circuit board when mounted on said circuit board.

23. (currently amended) A lighting apparatus for a digital camera, comprising:
a reflecting surface for reflecting light, formed on a circuit board;
an LED light source for emitting illumination light with a light-emitting diode, mounted on a part of said reflecting surface; and

a reflector, having a substantially rectangular shape, for reflecting ahead the light emitted from said LED light source, the reflector being formed independently from the reflecting surface and mounted above the reflecting surface so as to surround said LED light source, and said reflector having an opened rear thereof closed by said reflecting surface when mounted on said circuit board.

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24. (canceled)